

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	48	((("20060025729") or ("20060129135") or ("20060153634") or ("4246921") or ("4277028") or ("4290559") or ("4422450") or ("4447983") or ("4502616") or ("4534340") or ("4553957") or ("4619072") or ("4626984") or ("4755168") or ("4759349") or ("4781687") or ("4787172") or ("4792335") or ("4922433") or ("4941872") or ("4989590") or ("5022585") or ("5181908") or ("5262936") or ("5368569") or ("5380275") or ("5383601") or ("5419772") or ("5464391") or ("5484281") or ("5511341") or ("5514094") or ("5556378") or ("5564629") or ("5573398") or ("5662605") or ("5700147") or ("5700240") or ("5722046") or ("5746721") or ("5748466") or ("5792109") or ("5807313") or ("5910110") or ("6059754") or ("6059754") or ("6123229") or ("6217584") or ("6217584") or ("6328747"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/15 16:46
S2	0	("2006/0129135").URPN.	USPAT	OR	OFF	2007/04/15 16:01
S3	69	("1227164"   "1989117"   "2048524"   "2115121"   "2348679"   "2356993"   "2393175"   "2406115"   "2539277"   "2737896"   "2795968"   "2856793"   "2921529"   "3073178"   "3073418"   "3119280"   "3155141"   "3205725"   "3452745"   "3727614"   "4231724"   "4282867"   "4299221"   "4561431"   "4569674"   "4583531"   "4621566"   "4655690"   "4655754"   "4662829"   "4826494"   "4890340"   "4930997"   "5019038"   "5046486"   "5097540"   "5147292"   "5193986"   "5195959"   "5230704"   "5246367"   "5269750"   "5281108"   "5282787"   "5335855"   "5360338"   "5368569"   "5470305"   "5647852"   "5746721").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/15 16:06
S4	6	("6059754").URPN.	USPAT	OR	OFF	2007/04/15 16:09

## EAST Search History

S5	9	("3762411"   "4622704"   "5081999"   "5097540"   "5669394"   "5746721"   "5864895"   "5941851"   "6059754").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/15 16:11
S6	0	("6503220").URPN.	USPAT	OR	OFF	2007/04/15 16:12
S7	10	("2420338"   "3250005"   "3842504"   "3949753"   "4276023"   "4359317"   "5261816"   "5338194").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/15 16:15
S8	1	("5700147").URPN.	USPAT	OR	OFF	2007/04/15 16:20
S9	9	("3410268"   "3900022"   "4024866"   "4041947"   "4168707"   "4261360"   "5098387"   "5213571").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/15 16:26
S10	8	((("3766920") or ("3889676") or ("4874363") or ("4904245") or ("5019056") or ("5074842") or ("6264636") or ("6468245"))).PN.	USPAT; USOCR	OR	OFF	2007/04/15 16:26
S11	12	("3459175"   "3766920"   "3815608"   "3889676"   "3990448"   "4241735"   "4386607"   "5653690"   "5674287"   "5882345"   "5947977").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/15 16:28
S12	9	("0565386"   "1115224"   "2082782"   "2662524"   "4167946").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/15 16:29
S13	5	("4386607").URPN.	USPAT	OR	OFF	2007/04/15 16:29
S14	133	("3459175").URPN.	USPAT	OR	OFF	2007/04/15 16:31
S15	31	("2333383"   "2474188"   "2541520"   "2554068"   "2921580"   "3010454"   "3180334"   "3459175"   "3575160"   "3889676"   "4068663"   "4321920"   "4419099"   "4943285"   "5197950"   "D022510"   "D022669"   "D029765"   "D197795").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/15 16:32
S16	0	("6902557").URPN.	USPAT	OR	OFF	2007/04/15 16:33
S17	0	("6902557").URPN.	USPAT	OR	OFF	2007/04/15 16:34
S18	6	("3075526"   "3399677"   "3459175").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/15 16:39
S19	7	("4406655").URPN.	USPAT	OR	OFF	2007/04/15 16:39
S20	5	("1925230"   "3892226"   "4282873"   "4880408").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/15 16:42
S21	1	("6264636").URPN.	USPAT	OR	OFF	2007/04/15 16:42

## EAST Search History

S22	36	("2286462" "2892458" "2936760" "20030073963" "20030073974" "20030114834" "20030195481" "20040039348" "20040267198" "20050004533" "20050070933" "3053257" "3459175" "3828774" "3842834" "3889676" "0397060" "4019515" "4403982" "4406655" "4637814" "4712536" "4772260" "4842580" "4842583" "4874363" "4943285" "4986822" "5176630" "5351674" "5405319" "5443445" "6106506" "6228048" "6468245" "6761702").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/15 16:46
S23	0	("2003/0073974").URPN.	USPAT	OR	OFF	2007/04/15 17:00
S24	678	((604/39) or (604/43)).CCLS.	USPAT; USOCR	OR	OFF	2007/04/15 17:00
S25	182	S24 and irrigat\$3	USPAT	OR	OFF	2007/04/15 17:03
S26	566	((604/93.01) or (604/94.01)).CCLS.	USPAT; USOCR	OR	OFF	2007/04/15 17:03
S27	32	S26 and (irrigat\$3)	USPAT	OR	OFF	2007/04/15 17:19
S28	439	(604/118).CCLS.	USPAT; USOCR	OR	OFF	2007/04/15 17:19
S29	72	S28 and irrigat\$3	USPAT	OR	OFF	2007/04/15 17:20
S30	102	(604/173).CCLS.	USPAT; USOCR	OR	OFF	2007/04/15 17:20
S31	10	S30 and irrigat\$3	USPAT	OR	OFF	2007/04/15 17:20
S32	782	604/327	USPAT	OR	OFF	2007/04/15 17:20
S33	339	((604/327) or (604/334)).CCLS.	USPAT; USOCR	OR	OFF	2007/04/15 17:21
S34	45	S33 and irrigat\$3	USPAT	OR	OFF	2007/04/15 17:22
S35	235	(604/911).CCLS.	USPAT; USOCR	OR	OFF	2007/04/15 17:22
S36	30	S35 and irrigat\$3	USPAT	OR	OFF	2007/04/15 17:23
S37	269	((604/257) or (604/258)).CCLS.	USPAT; USOCR	OR	OFF	2007/04/15 17:23
S38	34	S37 and irrigat\$3	USPAT	OR	OFF	2007/04/15 17:23
S39	1452	((604/275) or (604/276) or (604/277) or (604/278) or (604/279)).CCLS.	USPAT; USOCR	OR	OFF	2007/04/15 17:27
S40	114	S39 and irrigat\$3	USPAT	OR	OFF	2007/04/15 17:29
S41	327	((600/156) or (600/158)).CCLS.	USPAT; USOCR	OR	OFF	2007/04/15 17:30
S42	85	S41 and irrigat\$3	USPAT	OR	OFF	2007/04/15 17:30

## EAST Search History

S43	1	("20030073963").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/20 08:37
S44	0	("2003/0073963").URPN.	USPAT	OR	OFF	2007/11/20 08:38
S45	2	("4874363" "6106506").PN.	USPAT	OR	OFF	2007/11/20 08:38
S46	65	("1198742"   "1696018"   "1710701"   "1853202"   "2022742"   "2074374"   "2257072"   "2420507"   "2458419"   "2458719"   "2838629"   "2873739"   "2874696"   "3042039"   "3042044"   "3142298"   "3329147"   "3678932"   "3750668"   "3771522"   "3823714"   "4190059"   "4332246"   "4403982"   "4413214"   "4626239"   "4637814"   "4682979"   "4842580"   "4874363"   "5019056"   "5176630"   "5190519"   "5197947"   "5405319"   "5496269"   "5788650"   "5871463").PN. OR ("4874363"   "6106506").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/20 08:46
S47	7	("3075526"   "3399677"   "3459175"   "3765413").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/20 08:53
S48	7	("3075526"   "3399677"   "3459175"   "3765413").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/20 08:54
S49	10	("4403982").URPN.	USPAT	OR	OFF	2007/11/20 09:01
S50	11	((("20060129135") or ("5591170") or ("4106496") or ("5080290") or ("5364343") or ("6059572") or ("6638064") or ("6875196") or ("20020111608") or ("20030207231") or ("20030208155")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/20 09:01
S51	0	("2006/0129135").URPN.	USPAT	OR	OFF	2007/11/20 09:01
S52	16	("0694541"   "1779268"   "1845343"   "2421294"   "2494088"   "2576766"   "2879768"   "3771552"   "4206756").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/20 09:02
S53	11	("5364343").URPN.	USPAT	OR	OFF	2007/11/20 09:05
S54	7	((("20060129135") or ("5591170") or ("4106496") or ("5080290") or ("5364343") or ("6059572") or ("6638064") or ("6875196") or ("20020111608") or ("20030207231") or ("20030208155")).PN.	USPAT; USOCR	OR	OFF	2007/11/20 09:05

## EAST Search History

S55	11	((("20060129135") or ("5591170") or ("4106496") or ("5080290") or ("5364343") or ("6059572") or ("6638064") or ("6875196") or ("20020111608") or ("20030207231") or ("20030208155")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/20 09:06
S56	48	((("20060129135") or ("5792109") or ("4787172") or ("4989590") or ("5484281") or ("5564629") or ("20060153634") or ("5910110") or ("4422450") or ("4502616") or ("4534340") or ("4553957") or ("4619072") or ("5380275") or ("5573398") or ("5807313") or ("6217584") or ("6217584") or ("6328747") or ("5511341") or ("6123229") or ("4447983") or ("4755168") or ("4781687") or ("4792335") or ("4941872") or ("5022585") or ("5181908") or ("5368569") or ("5383601") or ("5514094") or ("5746721") or ("6059754") or ("6059754") or ("20060025729") or ("4290559") or ("4246921") or ("4277028") or ("4626984") or ("4759349") or ("4922433") or ("5262936") or ("5419772") or ("5464391") or ("5556378") or ("5662605") or ("5700240") or ("5700147") or ("5722046") or ("5748466")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/20 09:06
S57	10	("2420338"   "3250005"   "3842504"   "3949753"   "4276023"   "4359317"   "5261816"   "5338194").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/20 09:08
S58	6	("3505737"   "3638310"   "4302185"   "4470812"   "4973247").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/20 09:09
S59	3	("5261816").URPN.	USPAT	OR	OFF	2007/11/20 09:09
S60	1	("5700147").URPN.	USPAT	OR	OFF	2007/11/20 09:11
S61	5	("4607627"   "5309899"   "5344317"   "5389078"   "5527275").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/20 09:11
S62	5	("5662605").URPN.	USPAT	OR	OFF	2007/11/20 09:12
S63	18	("2323618"   "2867230"   "3225759"   "3500824"   "3780910"   "3820532"   "4043337"   "4265229"   "4564005"   "4793331"   "5004158"   "5218956"   "5220914").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/20 09:19

## EAST Search History

S64	4	("5564629").URPN.	USPAT	OR	OFF	2007/11/20 09:21
S65	36	("0817054"   "1819807"   "2766907"   "3153414"   "3578774"   "3838794"   "3986508"   "4090514"   "4369785"   "4507116"   "4539005"   "4551136"   "4561431"   "4604089"   "4613327"   "4637814"   "4657160"   "4669453"   "4713051"   "4735613"   "4781687"   "4808159"   "5011471"   "5019038"   "5053002"   "5053011"   "5098387"   "5106366"   "5125900"   "5176629"   "5178606"   "5261255").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/20 09:23
S66	12	("5368569").URPN.	USPAT	OR	OFF	2007/11/20 09:30
S67	6	("4402687"   "4516973"   "4522623"   "4913698"   "5368569"   "5382244").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/20 09:31
S68	0	("6635028").URPN.	USPAT	OR	OFF	2007/11/20 09:35
S69	48	((("20060129135") or ("5792109") or ("4787172") or ("4989590") or ("5484281") or ("5564629") or ("20060153634") or ("5910110") or ("4422450") or ("4502616") or ("4534340") or ("4553957") or ("4619072") or ("5380275") or ("5573398") or ("5807313") or ("6217584") or ("6217584") or ("6328747") or ("5511341") or ("6123229") or ("4447983") or ("4755168") or ("4781687") or ("4792335") or ("4941872") or ("5022585") or ("5181908") or ("5368569") or ("5383601") or ("5514094") or ("5746721") or ("6059754") or ("6059754") or ("20060025729") or ("4290559") or ("4246921") or ("4277028") or ("4626984") or ("4759349") or ("4922433") or ("5262936") or ("5419772") or ("5464391") or ("5556378") or ("5662605") or ("5700240") or ("5700147") or ("5722046") or ("5748466")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/20 09:53
S70	2	((("5368569") or ("20030073963")). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/20 10:40
S71	1	("6106506").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/20 10:40
S72	3	("6106506").URPN.	USPAT	OR	OFF	2007/11/20 10:41

## EAST Search History

S73	33	("1696018"   "2022742"   "2074374"   "2257072"   "2458719"   "2873739"   "2874696"   "3042044"   "3678932"   "3771522"   "3823714"   "4332246"   "4403982"   "4626239"   "4637814"   "4842580"   "4874363"   "5019056"   "5176630"   "5190519"   "5197947"   "5405319"   "5496269"   "5788650"   "5871463").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/20 10:41
S74	0	("2003/0073963").URPN.	USPAT	OR	OFF	2007/11/20 10:47
S75	0	("2006/0129135").URPN.	USPAT	OR	OFF	2007/11/20 10:53
S76	12	("3459175"   "3766920"   "3815608"   "3889676"   "3990448"   "4241735"   "4386607"   "5653690"   "5674287"   "5882345"   "5947977").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/20 10:56
S77	10	("3889676").URPN.	USPAT	OR	OFF	2007/11/20 10:57
S78	36	("4019515").URPN.	USPAT	OR	OFF	2007/11/20 10:58
S79	8	("3766920").URPN.	USPAT	OR	OFF	2007/11/20 10:59
S80	1	("6468245").URPN.	USPAT	OR	OFF	2007/11/20 11:00
S81	0	("6503220").URPN.	USPAT	OR	OFF	2007/11/20 11:01
S82	9	("3762411"   "4622704"   "5081999"   "5097540"   "5669394"   "5746721"   "5864895"   "5941851"   "6059754").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/20 11:01
S83	20	("3762411").URPN.	USPAT	OR	OFF	2007/11/20 11:02
S84	12	("5368569").URPN.	USPAT	OR	OFF	2007/11/20 11:11
S85	1	("6106506").PN.	USPAT; USOCR	OR	OFF	2007/11/20 11:12
S86	4	((("5074842") or ("5019056") or ("6264636") or ("4904245"))).PN.	USPAT; USOCR	OR	OFF	2007/11/20 11:13
S87	3	("5074842").URPN.	USPAT	OR	OFF	2007/11/20 11:14
S88	5	("5197950").URPN.	USPAT	OR	OFF	2007/11/20 11:14
S89	0	("6902557").URPN.	USPAT	OR	OFF	2007/11/20 11:14
S90	31	("2333383"   "2474188"   "2541520"   "2554068"   "2921580"   "3010454"   "3180334"   "3459175"   "3575160"   "3889676"   "4068663"   "4321920"   "4419099"   "4943285"   "5197950"   "D022510"   "D022669"   "D029765"   "D197795").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/20 11:15
S91	9	("5019056").URPN.	USPAT	OR	OFF	2007/11/20 11:23

## EAST Search History

S92	4	((("4386607") or ("3889676") or ("5197950") or ("4406655")).PN.	USPAT; USOCR	OR	OFF	2007/11/20 11:23
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